

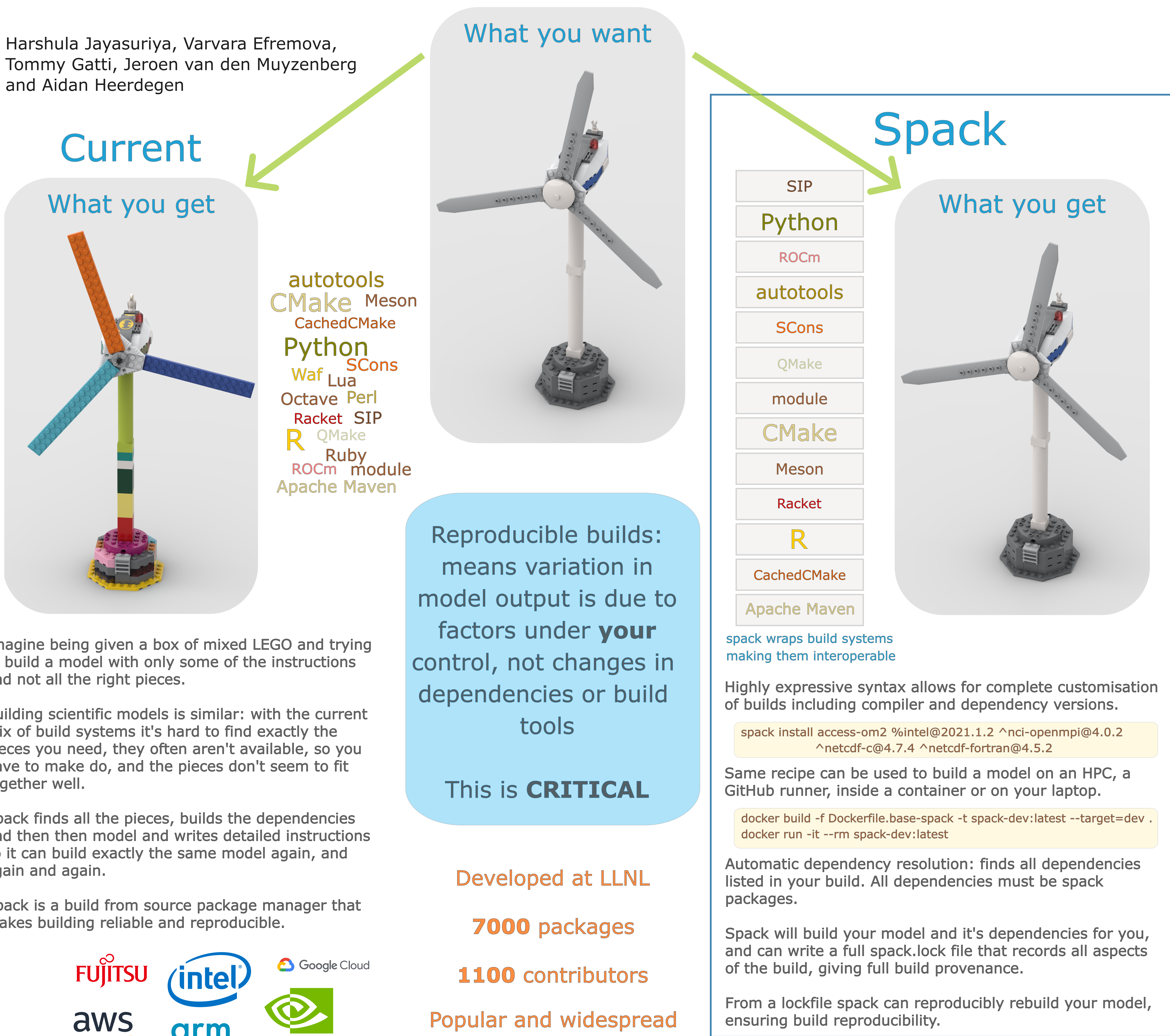
# spack

# building models better



## Reliable and Reproducible: Building Models Better With Spack

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Imagine being given a box of mixed LEGO and trying to build a model with only some of the instructions and not all the right pieces.

Building scientific models is similar: with the current mix of build systems it's hard to find exactly the pieces you need, they often aren't available, so you have to make do, and the pieces don't seem to fit together well.

Spack finds all the pieces, builds the dependencies and then then model and writes detailed instructions so it can build exactly the same model again, and again and again.

Spack is a build from source package manager that makes building reliable and reproducible.

